

AMENDMENTS TO THE CLAIMS

Claims 1-10 (Canceled)

11. (New) An illumination light source comprising:
a coherent light source;
beam scan means for scanning light from the coherent light source; and
a correction optical system that corrects a scan angle of a beam scanned by the beam scan means,
wherein:

the beam scan means is formed of a mirror portion and mirror portion oscillation means; and
the mirror portion is driven by the mirror portion oscillation means at or in a vicinity of a primary resonance frequency of the mirror portion.

12. (New) The illumination light source according to Claim 11, wherein:
the correction optical system is formed of a light collection optical system having third-order spherical aberration.

13. (New) The illumination light source according to Claim 11, further comprising:
light shield means for shielding, of the light from the coherent light source, light whose scan angle by the beam scan means is at a ratio equal to or larger than a specific ratio with respect to a maximum scan angle.

14. (New) The illumination light source according to Claim 11, wherein:
a scan rate of light having passed through the correction optical system takes a minimal value at a point at which the scan angle is 0.

15. (New) The illumination light source according to Claim 11, wherein:
a scan rate of light having passed through the correction optical system is 90% or less of a maximum value of the scan rate at a point at which the scan angle is 0.

16. (New) The illumination light source according to Claim 13, wherein:
the light shield means shields the light from the coherent light source for a time that accounts for 30% or less of a scan time.

17. (New) The illumination light source according to Claim 11, wherein:
the correction optical system is formed of a free-form mirror.

18. (New) The illumination light source according to Claim 11, wherein:
the coherent light source is formed of a red coherent light source, a green coherent light source, and a blue coherent light source.

19. (New) The illumination light source according to Claim 11, wherein:
at least the green coherent light source is formed of a second harmonic generator device that generates green light through wavelength conversion of light from a coherent light source having an infrared wavelength.

20. (New) A 2-D image display device comprising:
the illumination light source according to Claim 11; and
a projection optical system that projects light from the illumination light source onto a screen.